gr. 6

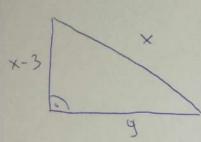
Germetono olingon i trighyton

1. a=6 b=8 d=120°

z tu wsimussu

x2 = 100 + 48

2.



a) z tu. Prtegonisa

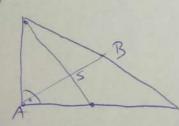
$$x^2 = (x-3)^2 + 81$$

$$x^2 = x^2 - 6x + 9 + 81$$

61 R= == == 7.5 (cm)

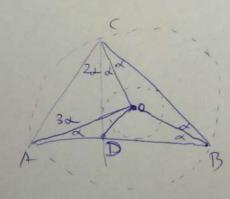
()
$$\gamma = \frac{9+12-15}{2} = 3$$
 [cm]

0)



IABI= R= 7,5 (60 ter promien)

3.



| ADBO | = KOBC | = : & (60 0 to punkle
preview duviewnych kytor DDBC).

A AOB I A CUB Sy nowmamienne (nemiono R)

Liec X OAD = KOCBI = 2

Nastepnie KD (01=2 => KA(D)=2+

(60 co i co to odpowiednie duusipome)

DAOC j'est nownomienny => KCAd = 3d

Z sumy hatow w AABC 3d+d +d+d+d+d+2d=180° 102 = 1800 d=18° KAI= 4.18°=72° KBI=2.18°=36° KCI=418°=72°. Jest to zloty trojhat. 4. o(A, k-1) o(B, h+3) |AB|=34 Ohregi maja jeden punht uspslay (=) sa styome zeun, but ween. · stycme weametrinie · styrme zewnętranie (m-mz)= HB1 m+ + 2 = | AB| |h-1-h-3|=3hh+3+k-1=3h 4=34 2h+2=3h h= 3 h=2/ hel 3,29 Ostatermie 5. tule w stosumber 4:5:6 wier haty upisone fer Stad K(1= 42, KB|-62, KA|=50 92+ 62+ 5d= 15d 154=1800 => X=120 (KAI = 60°, KBI = 72°, KCI = 48°